

FIG. 1

| Offset | Type | meaning |
|--------|---------|---|
| 0 | WORD | array signature |
| 2 | BYTE | version identification |
| 3 | 15bytes | array information/disk information |
| 18 | DWORD | serial check sum of array disk 0 |
| 22 | DWORD | serial check sum of array disk 1 |
| 26 | DWORD | serial check sum of array disk 2 |
| 30 | DWORD | serial check sum of array disk 3 |
| 34 | DWORD | serial check sum of array disk 4 |
| 38 | DWORD | serial check sum of array disk 5 |
| 42 | DWORD | serial check sum of array disk 6 |
| 46 | DWORD | serial check sum of array disk 7 |
| 50 | BYTE | serial check sum of array configuration |

FIG. 2

array information

| bit | array type | meaning | |
|-------|-----------------------------|--------------------------------|---|
| 0-2 | Raid 0 | quantity of disk drives | |
| | Raid 1 | spare quantity of disk drives | |
| | Raid 0+1 | stripe quantity of disk drives | |
| | Span | quantity of disk drives | |
| 3 | all | array broken flag | |
| 4-7 | Raid 0 - Raid 7 | 0-7 | represent- ative numeric value |
| | Span | 8 | |
| | Raid 0+1 | 9 | |
| 8-10 | all | array serial number | |
| 11-14 | including stripe disk drive | stripe size | |
| 15-46 | all | available capacity | |
| 47-63 | all | reserved bit | |

FIG. 3

disk information

| bit | array type | meaning | |
|-------|------------|-------------------------------------|--------------------------------|
| 0 | all | boot | |
| 1 | all | enhanced | |
| 2-33 | all | serial check sum | |
| 34-38 | Raid 0 | sequence of stripe disk drive | sequence/ function field |
| 34-35 | Raid 1 | source, mirror, or spare disk drive | |
| 36 | Raid 1 | synchronization | |
| 34-36 | Raid 0+1 | sequence of stripe disk drive | |
| 37 | Raid 0+1 | source array or mirror array | |
| 38 | Raid 0+1 | synchronization | |
| 34-36 | Span | sequence of disk drive | |
| 39-55 | all | reserved bit | |

FIG. 4

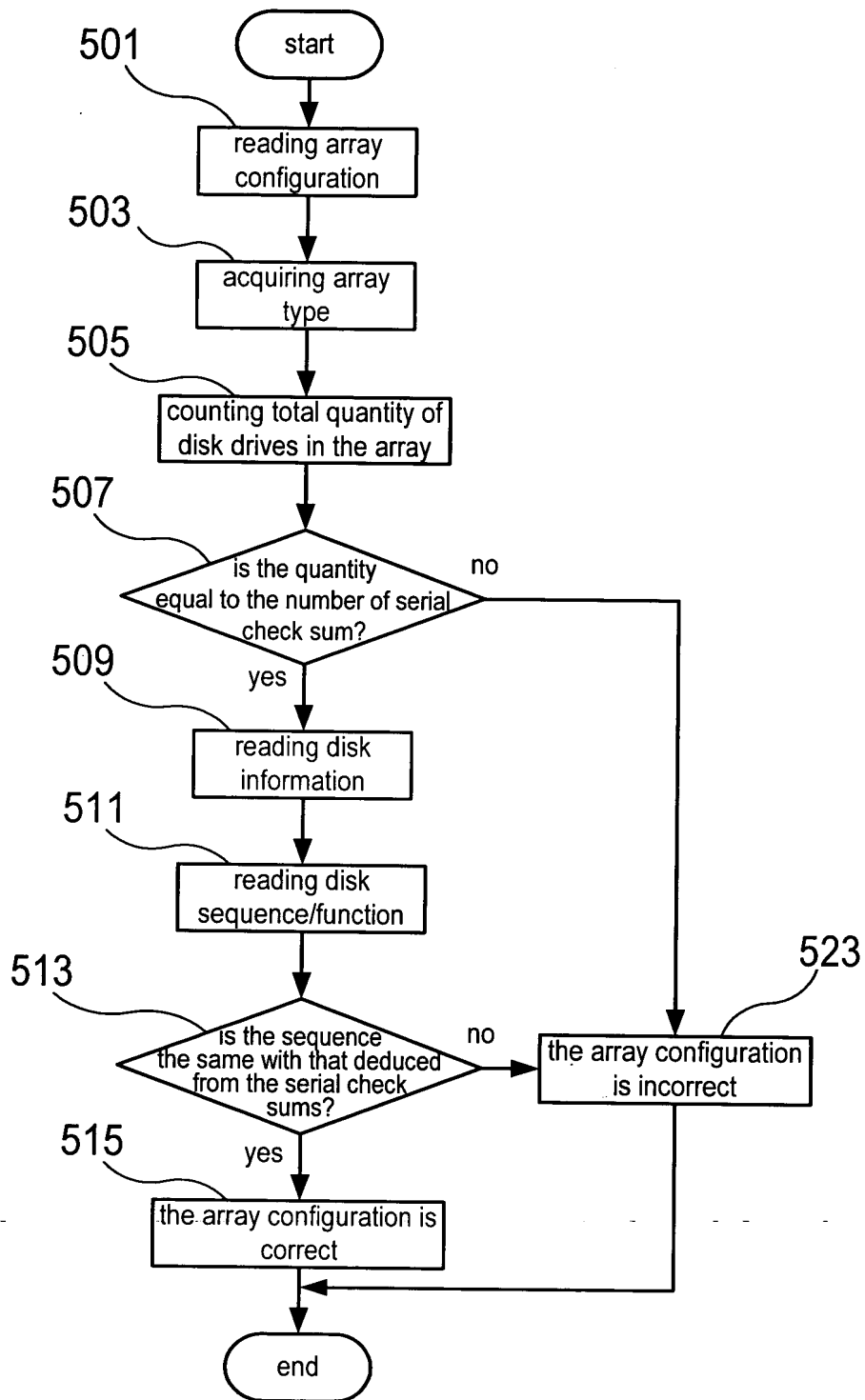


FIG. 5